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Inventor Name Search Result

Your Search was:

Last Name = STEPHENS
First Name = JAMIE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10694157	Not Issued	30	10/27/2003	Method and system for collaboration recording	STEPHENS, JAMIE

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Day : Tuesday
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Inventor Name Search Result

Your Search was:

Last Name = STOCKON
First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10694157	Not Issued	30	10/27/2003	Method and system for collaboration recording	STOCKON, JOHN

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Inventor Name Search Result

Your Search was:

Last Name = KING
First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
06122284	4335048	150	02/19/1980	5-(2-HYDROXYOROPOXY)-8-PROPYL-4H-1-BENZOPYRAN-4-ONE-2-CARBOXLIC ACID	KING, JOHN
07123272	Not Issued	161	11/20/1987	REFUSE BAG HOLDER	KING, JOHN
07931754	Not Issued	166	08/18/1992	2,2'-DIMETHYL-5,5'-DIAMINODIPHENYL SULFONE	KING, JOHN
08125358	Not Issued	168	09/22/1993	2,2'-DIMETHYL-5,5'-DIAMINODIPHENYL SULFONE	KING, JOHN
08849329	5855906	250	06/03/1997	INTRAVAGINAL DRUG DELIVERY DEVICES FOR THE ADMINISTRATION OF 17B-OESTRADIOL PRECURSORS	KING, JOHN
09036722	6094604	150	03/06/1998	COORDINATED CONTROL OF SHEET PROPERTIES BY RECEIVING A MEASURED AND BROADCASTED PROPERTIES DATA, DETERMINING A CONTROL ACTION, AND BROADCASTING A PREDICTED CHANGES TO OTHER ACTUATORS	KING, JOHN
09359323	6200166	250	07/23/1999	CONNECTOR FOR SMART CARD	KING, JOHN
09361327	Not Issued	164	07/27/1999	SCRUBBING BRUSH	KING, JOHN
09603075	6403182	150	06/26/2000	THERMAL INSULATION SYSTEM	KING, JOHN
09798780	Not Issued	160	03/02/2001	Lubricant delivery to liquid gas fuelled two-stroke engine	KING, JOHN

09903840	Not Issued	160	07/12/2001	Electronic mail system	KING, JOHN
10043696	Not Issued	94	01/11/2002	METHOD AND SYSTEM FOR PRODUCT OPTIMIZATION	KING, JOHN
10213832	6944998	150	08/06/2002	SIMULATED MASONRY GARDEN WALLS HAVING MODULAR CONSTRUCTION	KING, JOHN
10265990	Not Issued	164	12/23/2002	SCRUBBING BRUSH	KING, JOHN
10372407	Not Issued	161	02/25/2003	Adaptive enterprise optimization (AEO) framework and methods	KING, JOHN
10468780	Not Issued	41	08/21/2003	Address translator	KING, JOHN
10545621	Not Issued	30	08/16/2005	Castable magnesium alloys	KING, JOHN
10623056	7159367	150	07/16/2003	SIMULATED MASONRY GARDEN WALLS HAVING MODULAR CONSTRUCTION	KING, JOHN
10687369	Not Issued	161	10/15/2003	Common viewing environment	KING, JOHN
10694157	Not Issued	30	10/27/2003	Method and system for collaboration recording	KING, JOHN
10736467	Not Issued	41	12/15/2003	Method of applying patterned metallization to block filter resonators	KING, JOHN
10760875	7048992	150	01/20/2004	FABRICATION OF PARASCAN TUNABLE DIELECTRIC CHIPS	KING, JOHN
10862085	7055895	150	06/04/2004	PROTECTIVE PLATE ASSEMBLY FOR LAND VEHICLE DRIVE LINE AND WHEEL DIFFERENTIAL	KING, JOHN
11377722	Not Issued	25	03/16/2006	Fabrication of parascan tunable dielectric chips	KING, JOHN
60275498	Not Issued	159	03/13/2001	Six sigma	KING, JOHN
60310063	Not Issued	159	08/06/2001	Simulated masonry garden walls having modular construction	KING, JOHN
60310162	Not Issued	159	08/06/2001	Simulated masonry garden articles	KING, JOHN
60358720	Not Issued	159	02/25/2002	Adaptive enterprise optimization (AEO) framework and methods	KING, JOHN
60418843	Not Issued	159	10/15/2002	Common viewing environment	KING, JOHN

60445337	Not Issued	159	02/05/2003	Fabrication of parascan tunable dielectric chips	KING, JOHN
60578395	Not Issued	159	06/09/2004	Scrubbing brush	KING, JOHN
60642679	Not Issued	159	01/10/2005	Method and system for creating a mineral listing service	KING, JOHN
60698260	Not Issued	159	07/11/2005	Mobile television	KING, JOHN
60806940	Not Issued	19	01/01/0001	Cargo Arm - Tonneau Arm	KING, JOHN
06255400	4377219	150	04/20/1981	LOUDSPEAKER HAVING APERTURED ACOUSTIC IMPEDANCE FRONTAL LOADING ELEMENT	KING, JOHN A.
06255401	4387787	150	04/20/1981	LOUDSPEAKER HAVING ACOUSTIC IMPEDANCE FRONTAL LOADING ELEMENT	KING, JOHN A.
06397148	Not Issued	161	07/12/1982	ENCLOSURE KIT FOR AN INSULATION ENCASED TUBULAR FITTING	KING, JOHN A.
06417079	4475014	150	09/13/1982	ACOUSTICAL TRANSDUCER	KING, JOHN A.
07167330	Not Issued	161	03/14/1988	PIPE JACKETING	KING, JOHN A.
07232214	4924407	150	08/15/1988	HUMIDITY RESISTANT METER READING DEVICE	KING, JOHN A.
07413612	Not Issued	161	09/28/1989	REMOTELY REPROGRAMMABLE METER INTERFACE UNIT	KING, JOHN A.
11009618	7067505	150	12/10/2004	DI-STEROIDAL PRODRUGS OF ESTRADIOL	KING, JOHN ALEXANDER
11478582	Not Issued	30	07/03/2006	Derivative prodrugs of ethinyl estradiol	KING, JOHN ALEXANDER
11478584	Not Issued	30	07/03/2006	Novel prodrugs of estradiol	KING, JOHN ALEXANDER
60536526	Not Issued	159	01/15/2004	Di-steroidal prodrugs of ethinyl estradiol	KING, JOHN ALEXANDER
60536527	Not Issued	159	01/15/2004	Di-steroidal prodrugs of estradiol	KING, JOHN ALEXANDER
60698865	Not Issued	159	07/12/2005	Derivative prodrugs of ethinyl estradiol	KING, JOHN ALEXANDER
60698866	Not Issued	159	07/12/2005	Novel prodrugs of estradiol	KING, JOHN ALEXANDER

11009617	7067504	150	12/10/2004	DI-STEROIDAL PRODRUGS OF ETHINYL ESTRADIOL	KING, JOHN ALEXANDER
10044320	6507294	150	01/10/2002	SYSTEM AND METHOD FOR MEASURING PSEUDORANDOM NRZ DATA STREAM RATES	KING, JOHN ALFRED

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Time: 14:12:21

Inventor Name Search Result

Your Search was:

Last Name = KALINOSKI
First Name = KEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10694157	Not Issued	30	10/27/2003	Method and system for collaboration recording	KALINOSKI, KEN
10795893	Not Issued	30	03/08/2004	System and method for scheduling heterogeneous resources	KALINOSKI, KEN
10836688	Not Issued	30	04/30/2004	System, method and software for managing and publishing resource availability data	KALINOSKI, KEN
60422336	Not Issued	159	10/30/2002	Videoconferencing device	KALINOSKI, KEN
09540192	Not Issued	161	03/31/2000	Pre-cached personalized directory for internet access device	KALINOSKI, KENNETH A.
08755863	Not Issued	168	12/02/1996	SHARED LOOP AUDIO/VIDEO SERVER SYSTEM	KALINOSKI, KENNETH A.
09268121	Not Issued	161	03/15/1999	DEDICATED INTERNET ACCESS DEVICE AND METHOD FOR USE	KALINOSKI, KENNETH A.
09268411	Not Issued	161	03/15/1999	METHOD AND SYSTEM FOR ESTABLISHING AN INTERNET INTERFACE	KALINOSKI, KENNETH A.
09351620	Not Issued	161	07/12/1999	METHOD, COMPUTER-READABLE MEDIUM AND SYSTEM FOR DOWNLOADING INTERNET INFORMATION	KALINOSKI, KENNETH A.
60143343	Not Issued	159	07/12/1999	METHOD AND SYSTEM FOR PERSONALIZED TELEPHONE DIRECTORY	KALINOSKI, KENNETH A.
08755874	5892913	150	12/02/1996	SYSTEM AND METHOD FOR DATASTREAMS EMPLOYING SHARED LOOP	KALINOSKI, KENNETH ADAM

				ARCHITECTURE MULTIMEDIA SUBSYSTEM CLUSTERS	

Inventor Search Completed: No Records to Display.

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S5	9313	709/219	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/28 17:25
S6	5	S5 and multimedia adj collaboration	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/28 17:27
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S19	549	S18 and multimedia	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/01 17:56
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S22	2	(scheduling and speech adj recognization)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/02 10:10
S23	11	speech adj recognization	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/02 10:10
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BIBLIOGRAPHIC PATENTS

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S5	359005	1704418	S BOOKMARK??? OR MARK??? OR TAG OR TAGS OR TAGG???
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07379038 **Image available**
CONFERENCE SERVER DEVICE AND MULTIPOINT CONFERENCE SYSTEM

Pub. No.: 2002-247538 [JP 2002247538 A]
Published: August 30, 2002 (20020830)
Inventor: FUJITA KOICHI
SUYAMA TOMOHISA
YOMOGIDA YASUO
Applicant: MATSUSHITA ELECTRIC IND CO LTD
Application No.: 2001-037883 [JP 200137883]
Filed: February 15, 2001 (20010215)
International Class: H04N-007/15; G06F-013/00; H04L-012/18; H04M-003/56

ABSTRACT

PROBLEM TO BE SOLVED: To enables a multipoint **conference** system to **record WEB** materials on a WWW server which are used during a conference as the minutes without giving a border on a recording medium of a server device and also to reproduce the minutes in an easy-to-see state when it is reproduced.

SOLUTION: The **conference** server device 100 **records**, as the minutes, **video** and voice of conference participants received from conference terminals 200 and the URL address of WEB materials registered on the WWW server 400 on a network and distributed during the conference together with the elapsed time from the start of the conference, starts reproducing the minutes when instructed by a conference terminal to reproduced the minutes and sends it to the conference terminal, and reports the URL address together with the elapsed time from the start of the conference. The conference terminal accesses the WEB materials on the WWW server according to the reported URL address and is then able to reproduce the WEB materials when they are used for the conference.

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11/5/2 (Item 1 from file: 350) **Links**
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0014592649 *Drawing available*
WPI Acc no: 2004-774614/200476
Related WPI Acc No: 2003-659478

XRPX Acc No: N2004-610230

Internet-based document collaboration involves storing file containing original document, and acceptable changes and file including track of revisions and responses, when replica of original document is e-mailed to contributing authors

Patent Assignee: WORKSHARE TECHNOLOGY LTD (WORK-N)

Inventor: COATES S J; GLOVER R W; HADFIELD B A; HOPKINS S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040205653	A1	20041014	US 200123010	A	20011217	200476	B

Priority Applications (no., kind, date): US 200123010 A 20011217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040205653	A1	EN	33	19	

Alerting Abstract US A1

NOVELTY - A metadata-free replica of an original document is created by a managing author of document management system (DMS). The replica is put in enhanced document format (EDF) which is encrypted, compressed and e-mailed to the contributing authors. An evolving file containing the original document and the acceptable changes, and an extended document format file including track of revisions and responses, are stored in DMS.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. data structure for providing replica of original document from managing author to contributing author;
2. system for sending replica of original document from managing author to contributing author;
3. computerized method of generating response to unedited replica of original document sent by managing author to contributing author;
4. computerized method for processing proposed change in replica of original document by contributing author;
5. data structure for providing edited replica from contributing author to managing author;
6. distributed processing system;
7. computer system;
8. computerized method of processing response from contributing author;
9. computerized author management method;
10. document collaboration system;
11. version control method;
12. data structure for version control; and
13. role assignment method.

USE - For document collaboration between managing author operating document management system and contributing authors operating different computer systems (claimed), using internet.

ADVANTAGE - The managing author can easily keep track of the files and their versions.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the document collaboration system.

11/5/5 (Item 4 from file: 350) **Links**

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0013881361 *Drawing available*
WPI Acc no: 2004-060265/200406
XRPX Acc No: N2004-048736
Online meeting recording computer system broadcasts key frames generated from user input and application output which are captured and stored during meeting, to attenders of meeting
Patent Assignee: PONG A L F (PONG-I); WEI S (WEIS-I); ZHU M (ZHUM-I)
Inventor: PONG A L F; WEI S; ZHU M

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030220973	A1	20031127	US 2002112697	A	20020328	200406	B

Priority Applications (no., kind, date): US 2002112697 A 20020328

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030220973	A1	EN	108	37	

Alerting Abstract US A1
NOVELTY - The computer system captures user input and application output during an **online meeting**, and **stores** captured data in a **meeting recording** file. The key frames are generated from the stored user input and application output, and are broadcast to the attenders of the meeting.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

14. document sharing method;
15. on- line meeting recording method; and
16. computer program product comprising computer recorded medium storing on-line meeting recording program.

USE - Online meeting recording computer system.
ADVANTAGE - Enables all attenders of the meeting to view and listen to the meeting during online meeting. Also enables user to playback and edit the recorded file.
DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining online meeting recording process.

11/5/6 (Item 5 from file: 350) **Links**
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0013713991 *Drawing available*
WPI Acc no: 2003-811474/200376
XRPX Acc No: N2003-649688
Network conference recording method, involves storing raw conference data and transcribing raw conference data into playable, standard format recording
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: BEN-SHACHAR I; COLLINS L A; LEICHTLING I J

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030169330	A1	20030911	US 200132668	A	20011024	200376	B
US 6674459	B2	20040106	US 200132668	A	20011024	200411	E

Priority Applications (no., kind, date): US 200132668 A 20011024

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030169330	A1	EN	19	5	

Alerting Abstract US A1

NOVELTY - The method involves distributing raw conference data including **audio** and **video** data among a set of attendance computers. The selected raw conference data is routed to a **recording** unit. The raw **conference** data is **stored** and transcribed into a playable, standard format recording based on one or more parameters including a capacity of a **storage** unit after the **conference** has ended.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a computer-readable medium with computer-executable instructions for performing a recording process.

USE - Used for **recording** network **conferences** e.g. multipoint **online** videoconferences.

ADVANTAGE - The method reduces the processing that must take place concurrently with a viewing of the conference. The method yields an improved conference experience to client attendees. The method enables transcription tasks to be processed independently and separately from communication tasks, both physically and temporally.

DESCRIPTION OF DRAWINGS - The drawing shows a flow chart of a process for conducting and **recording conferences**.

11/5/7 (Item 6 from file: 350) **Links**

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0013680381 *Drawing available*

WPI Acc no: 2003-777005/200373

Related WPI Acc No: 2002-470440

XRPX Acc No: N2003-622615

Online chat subject informing method for information retrieval system, involves labeling elements which are identified from chat, as topics and presenting to user

Patent Assignee: GRUEN D M (GRUE-I); SHELDON M A (SHEL-I); VAITHAYNATHAN S (VAIT-I)

Inventor: GRUEN D M; SHELDON M A; VAITHAYNATHAN S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020188681	A1	20021212	US 1998143075	A	19980828	200373	B
			US 2002100491	A	20020318		

Priority Applications (no., kind, date): US 1998143075 A 19980828; US 2002100491 A 20020318

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020188681	A1	EN	31	4	Continuation of application	US 1998143075
					Continuation of patent	US 6393460

Alerting Abstract US A1
NOVELTY - The chat with similar content is decomposed into several utterances and decomposed utterances are cluttered to identify the elements. The identified elements are labeled as topics and presented to user.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

17. on-going chat clustering method;
18. element identification method; and
19. article of manufacture comprising recorded medium storing on-line chat subject informing program.

USE - For informing online chat subject used in information retrieval system.
ADVANTAGE - The content of chat is quickly determined and progress of on-going chat is easily monitored by simple process.
DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the online chat subject informing process.

11/5/10 (Item 9 from file: 350) **Links**
Derwent WPIX
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0012814827 *Drawing available*
WPI Acc no: 2002-672215/200272
Meeting service system and method using on-line and off-line
Patent Assignee: LEE S M (LEES-I)
Inventor: BAEK U S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002033335	A	20020506	KR 200064068	A	20001030	200272	B

Priority Applications (no., kind, date): KR 200064068 A 20001030

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002033335	A	KO	1	10	

Alerting Abstract KR A
NOVELTY - A meeting service system and method using on-line and off-line is provided to make profit from an Internet meeting site by collecting meeting applicants among customers of member stores, by providing pictures and information of the applicants to individual members, thereby meeting the applicants and the members together.
DESCRIPTION - A meeting service system includes the N number of member store devices(200-1, 200-2,..., 200-N) connected to the Internet(100) and the M number of individual member devices(400-1, 400-2,..., 400-M). The member store devices(200-1,...,200-N) are equipped in each member store. In addition, the member store

devices(200-1,...200-N) generate picture files of meeting applicants who want to register the applicants' profiles in an **Internet meeting** site. The member **store** devices(200-1,...,200-N) transmit personal information to a service provider device(300) through the Internet(100).

11/5/13 (Item 12 from file: 350) **Links**
Derwent WPIX
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0012639740 *Drawing available*
WPI Acc no: 2002-488853/200252
XRPX Acc No: N2002-386388
Video messaging method used in video conferencing through Internet, involves storing video messages received in digital form in non-volatile memory and displaying stored message to user when message is not received
Patent Assignee: GONSALVES C J (GONS-I); TEXAS INSTR INC (TEXI)
Inventor: GONSALVES C; GONSALVES C J

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020047892	A1	20020425	US 2000205638	P	20000518	200252	B
			US 2001842532	A	20010425		
JP 2002354435	A	20021206	JP 2001149160	A	20010518	200312	NCE

Priority Applications (no., kind, date): JP 2001149160 A 20010518; US 2000205638 P 20000518; US 2001842532 A 20010425

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020047892	A1	EN	7	3	Related to Provisional	US 2000205638
JP 2002354435	A	JA	9			

Alerting Abstract US A1
NOVELTY - The **video** message is transmitted to the receiving station in the digital form. The received message is stored in a non-volatile memory (132) in receiving station and displayed to user when the message is not received from the transmitting station.
USE - Used in **video** conferencing through Internet.
ADVANTAGE - The digitized **video** messages are transmitted easily over Internet and the latency is avoided. **Video** quality is improved without the requirement of large bandwidth. By storing the messages in digital form, the recipient is enabled to forward the reply at any desired time.
DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the hardware used in **video** messaging system.
132 Memory

11/5/15 (Item 14 from file: 350) **Links**
Derwent WPIX
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0011117203 *Drawing available*
WPI Acc no: 2002-053372/200207
XRPX Acc No: N2002-039809
Internet connected conference information recording system processes received digitized conference information and records it to digital versatile disk
Patent Assignee: HARADA ELECTRONICS IND (HARA-N)
Inventor: HARADA T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2001309366	A	20011102	JP 2000121393	A	20000421	200207	B

Priority Applications (no., kind, date): JP 2000121393 A 20000421

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2001309366	A	JA	7	2	

Alerting Abstract JP A
NOVELTY - Digital signal related to conference information, is received by a computer (7), and processed. A recording device (12) records the processed information to a DVD (11).
USE - **Internet** connected **conference** information **recording** system.
ADVANTAGE - Enables reliable **recording** of **conference** information.
DESCRIPTION OF DRAWINGS - The figure shows an explanatory component diagram of **internet** connected **conference** information **recording** system. (Drawing includes non-English language text).
7 Computer
11 DVD
12 Recording device

12/5/7 (Item 7 from file: 350) **Links**
Derwent WPIX
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0012479109 *Drawing available*
WPI Acc no: 2002-425960/200245
XRPX Acc No: N2002-334953
Web-enabled collaborative insurance process management method for business organization, involves creating insurance quotation request based on data entry templates having fields satisfying industry standard
Patent Assignee: RISKCLICK INC (RISK-N)
Inventor: GREEN H; SANDLER A; SIGGERS A; SURBEY G; WRIGHT T

Patent Family (3 patents, 96 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002025470	A1	20020328	WO 2001US29767	A	20010924	200245	B
AU 200193000	A	20020402	AU 200193000	A	20010924	200252	E
EP 1330731	A1	20030730	EP 2001973421	A	20010924	200350	E
			WO 2001US29767	A	20010924		

Priority Applications (no., kind, date): US 2000234368 P 20000922

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2002025470	A1	EN	62	9		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200193000	A	EN			Based on OPI patent	WO 2002025470
EP 1330731	A1	EN			PCT Application	WO 2001US29767
					Based on OPI patent	WO 2002025470
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					

Alerting Abstract WO A1

NOVELTY - The standardized computer document folders consistent with role of users, in insurance process, are created and are hierarchically organized into folder structures. An insurance quotation request, is created based on received insurance data entry templates having fields satisfying insurance industry standard for submission of exposure information and a document containing insurance requirements and are sent to insurers.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

20. Networked computer system operation method;
21. Information device operation method;
22. Recorded medium storing program for managing web-enabled collaborative insurance **process**;
23. Information device;
24. Web-**enabled** collaborative **insurance** management system;
25. Customized folder structure creation method;
26. Customized folder structure creation system;
27. Recorded medium storing program for creating customized folder structure;
28. Documents accessing method;
29. Documents accessing system;
30. Recorded medium storing document accessing program;
31. Insurance exposure information processing method;
32. Insurance exposure conformation processing system;
33. Recorded medium storing insurance exposure information processing program;
34. Insurance transaction structuring method;
35. Insurance transaction structuring system;
36. Recorded medium storing transaction structuring program;
37. Insurance quotation request preparation method;
38. Insurance quotation request preparation system;

39. Recorded medium storing insurance quotation request preparation program;
40. Insurance transaction rendering method;
41. Insurance transaction rendering system;
42. Recorded medium storing insurance transaction rendering program;
43. Electronic messages filing method;
44. Electronic messages filing system;
45. Recorded medium storing electronic messages filing program;
46. Activities tracking method;
47. Activities tracking system;
48. Recorded medium storing activities tracking program

USE - For managing web-enabled collaborative insurance process in business organization such as insurance industry.
ADVANTAGE - Compares quotes for recommending a policy based upon preselected criteria including criteria collaboratively selected by client, advisor and/or the broker. Automatically alerts insurer and broker when request for quotation or the quotation is posted. Quality of service, customer relations and worker morale are improved thereby improving efficiency of the insurance industries.
DESCRIPTION OF DRAWINGS - The figure shows a flowchart for insurance management method.

13/5/2 (Item 2 from file: 350) **Links**
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0013012467 *Drawing available*
WPI Acc no: 2003-090751/200308
Related WPI Acc No: 1998-312857
XRPX Acc No: N2003-071713
Communication method for call centers, agents, involves executing computer program at respective remote parties, for multimedia collaboration with several other remote parties
Patent Assignee: MCI COMMUNICATIONS CORP (MCIC-N); STEELE R (STEE-I); VERLARE J (VERL-I)
Inventor: ELLIOTT I; STEELE R; VERLARE J

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020136167	A1	20020926	US 1998164462	A	19981001	200308	B
US 6690654	B2	20040210	US 1996752271	A	19961118	200413	E
			US 1998164462	A	19981001		

Priority Applications (no., kind, date): US 1996752271 A 19961118; US 1998164462 A 19981001

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020136167	A1	EN	10	2		
US 6690654	B2	EN			C-I-P of application	US 1996752271
					C-I-P of patent	US 5867494

Alerting Abstract US A1
NOVELTY - Execution of a computer program is initiated at two remote parties such as call centers (22), after receiving access request from them. The remote parties independently communicate with several other remote parties through the computer program, for multimedia collaboration such as video conferencing.
DESCRIPTION - An INDEPENDENT CLAIM is included for call center operation method.
USE - For establishing communication between several call centers, agents, clients, through computer networks such as Internet for providing customer information and assistance, on-line training, customer services, business services and other collaborative browsing applications such as video/audio conferencing, etc.
ADVANTAGE - Enhances customer services and product support by independently communicating remote parties through computer programs, which also improves the multimedia collaboration services of a computer network.
DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the communication system of remote parties.
22 Call center

16/5/4 (Item 4 from file: 350) **Links**
Derwent WPIX
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0013101547 *Drawing available*
WPI Acc no: 2003-182828/200318
XRPX Acc No: N2003-143849
Audio/video data transmission method for video conference system, involves transmitting visual data in QCIF format when available bandwidth drops below predetermined level
Patent Assignee: LEADTEK RES INC (LEAD-N); LITAI SCI & TECHNOLOGY CO LTD (LITA-N); LIU M (LIUM-I)
Inventor: LIU M

Patent Family (4 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020167586	A1	20021114	US 2001290472	P	20010511	200318	B
			US 2001940350	A	20010827		
CN 1386015	A	20021218	CN 2001136746	A	20011023	200326	E
US 6665002	B2	20031216	US 2001940350	A	20010827	200382	E
CN 1178503	C	20041201	CN 2001136746	A	20011023	200618	E

Priority Applications (no., kind, date): US 2001290472 P 20010511; US 2001940350 A 20010827

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020167586	A1	EN	7	3	Related to Provisional	US 2001290472

Alerting Abstract US A1
NOVELTY - Visual data is transmitted in common intermediate format (CIF) if the available bandwidth on a communication line is equal to or greater than a predetermined level. Otherwise the video data is transmitted in quarter CIF (QCIF) format. The visual data in QCIF format is received and scaled back to the CIF format.
USE - For transmitting audio/visual data over **internet** in video **conference** system.
ADVANTAGE - By transmitting and receiving data in QCIF format during low bandwidth availability, the dropping of video frames is prevented, while maintaining video continuity and quality.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the audio/video data transmission procedure.

16/5/5 (Item 5 from file: 350) **Links**
Derwent WPIX
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0012799038 *Drawing available*
WPI Acc no: 2002-655637/200270
Related WPI Acc No: 2002-655506; 2002-697314
XRPX Acc No: N2002-518117
Application specific presentation file conversion for facilitating interactive collaboration, involves validating application specific file which is converted into JPEG file format, whose resolution is modified and stored
Patent Assignee: GHANI J (GHAN-I)
Inventor: GHANI J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020087592	A1	20020704	US 2000259327	P	20001229	200270	B
			US 2001944783	A	20010830		

Priority Applications (no., kind, date): US 2000259327 P 20001229; US 2001944783 A 20010830

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020087592	A1	EN	52	22	Related to Provisional	US 2000259327

Alerting Abstract US A1
NOVELTY - A meta data corresponding to an application specific file is read, to determine whether the file extension corresponds to specific application. The application specific file is loaded and validated by examining header information of the file. The validated file is converted into JPEG format, whose resolution is modified and validated is stored for display on the web browser.
DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

49. Powerpoint formatted presentation file conversion method; and
50. Application specific presentation file conversion system.

USE - For converting application specific presentation file e.g. power point formatted presentation file to JPEG file format for computer-based interactive, collaborative, educational and meeting services facilitation through Internet/intranet.
ADVANTAGE - Provides participant interactive computer based system coupled with the ability for direct consumer marketing. Allows multiplicity of individuals to mimic a live classroom/meeting setting by providing various parallel features such as real-time audio and visual capabilities, handraising, whispering, interactive whiteboard, etc.
DESCRIPTION OF DRAWINGS - The figure shows the graphical user interfaces with whiteboard menu screen.

23/5/1 (Item 1 from file: 350) **Links**
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0014064019 *Drawing available*
WPI Acc no: 2004-246887/200423
XRPX Acc No: N2004-195822
Collaboration space object managing method for Internet client/server system, involves uploading placebot code to collaboration space server, and compiling placebot code into placebot agent at space sever
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: ESTRADA J; ESTRADA M; TAN C Y

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040039848	A1	20040226	US 2000752115	A	20001229	200423	B
US 6744447	B2	20040601	US 2000752115	A	20001229	200436	E

Priority Applications (no., kind, date): US 2000752115 A 20001229

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040039848	A1	EN	60	27	

Alerting Abstract US A1
NOVELTY - The method involves creating placebot code at a client browser and uploading the placebot code to a collaboration space server. The placebot code is compiled into a placebot agent at the space server. The placebot agent is **scheduled** to run at specific time and is executed upon opening a form. The placebot object is executed to create or manipulate the collaboration space objects.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

51. a method for providing custom code to a collaboration space
52. a system for managing collaboration space objects
53. a program storage device readable by a machine
54. a computer **program** product for managing objects in collaboration space.

USE - Used for managing object in collaboration space on Internet or an Internet client/server system.
ADVANTAGE - The method provides collaboration space application model for creating web applications that are aesthetically pleasing, and builds collaboration application by providing a repository for custom logic.
DESCRIPTION OF DRAWINGS - The drawing shows a schematic representation of a typical server/client system implementing a collaboration space.
106HTTP server
112Browser
126Alternate client
134Active directory

138Notes designer

23/5/7 (Item 7 from file: 350) **Links**
Derwent WPIX
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0012963012 *Drawing available*
WPI Acc no: 2003-040122/200303
XRPX Acc No: N2003-031475
Collaboration space management method for creating web applications, involves providing report of changes of events and happenings to user interface selectively upon user request or in accordance with schedule
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: HILL C R; LINSEY T J; SHORE M B

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020140730	A1	20021003	US 2000752934	A	20001229	200303	B
US 6791582	B2	20040914	US 2000752934	A	20001229	200460	E

Priority Applications (no., kind, date): US 2000752934 A 20001229

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020140730	A1	EN	35	14	

Alerting Abstract US A1
NOVELTY - A request is received from a user of collaboration space at a browser for reporting changes made to a place within the collaboration space. The report is then provided to a user interface selectively upon user request or in accordance with a **schedule**.
DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

55. Collaboration space management system;
56. Program storage device including program **of** instructions for managing collaboration space; and
57. Computer program product for managing collaboration space.

USE - For managing collaboration space to create web applications.
ADVANTAGE - Information including scheduled current events or tasks that are recently **changed**, about the events and happenings taking place through a place of current interest is provided to the users of collaboration space.
DESCRIPTION OF DRAWINGS - The figure shows a schematic representation of a server/client system that implements the collaboration space.

25/5/2 (Item 2 from file: 350) **Links**
Derwent WPIX
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0013255928 *Drawing available*
WPI Acc no: 2003-341408/200332
XRPX Acc No: N2003-273087
Automated collaborative bookmarks implementation in web-based data processing system, involves receiving bookmark list containing bookmark list element from computer system and storing in each participant computer
Patent Assignee: CRAGUN B J (CRAG-I); INT BUSINESS MACHINES CORP (IBMC)
Inventor: CRAGUN B J

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030009521	A1	20030109	US 1999294302	A	19990419	200332	B
US 6557028	B2	20030429	US 1999294302	A	19990419	200336	E

Priority Applications (no., kind, date): US 1999294302 A 19990419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030009521	A1	EN	27	16	

Alerting Abstract US A1
NOVELTY - A **bookmark** list containing **bookmark** list element created in a separate computer system is received and stored in each participant computer.
DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

58. collaborative bookmarks and **synchronized** bookmarks implementing **apparatus**; and
59. collaborative bookmarks and synchronized bookmarks **implementing** computer program **product**.

USE - Used in web-based computer/data processing system.
ADVANTAGE - Provides an enhanced capability to collect and utilize collaborative bookmarks lists that is easy to **use** and that enables an automatic update process.
DESCRIPTION OF DRAWINGS - The figure shows a display screen of the collaborative bookmarks implementing system.

29/5/10 (Item 10 from file: 350) **Links**
Derwent WPIX
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0012395430 *Drawing available*
WPI Acc no: 2002-339110/200237

XRPX Acc No: N2002-266683

Language independent voice communication system for international calling service, translates one language input speech to corresponding other language speech, based on speech recognition

Patent Assignee: LEE S S (LEES-I)

Inventor: LEE S S

Patent Family (5 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002005125	A1	20020117	WO 2001KR1149	A	20010705	200237	B
US 20020010590	A1	20020124	US 2001901791	A	20010710	200237	E
AU 200169565	A	20020121	AU 200169565	A	20010705	200238	E
KR 2002006172	A	20020119	KR 200039663	A	20000711	200251	E
KR 387918	B	20030618	KR 200039663	A	20000711	200369	E

Priority Applications (no., kind, date): KR 200039663 A 20000711

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2002005125	A1	EN	38	4		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200169565	A	EN			Based on OPI patent	WO 2002005125
KR 387918	B	KO			Previously issued patent	KR 2002006172

Alerting Abstract WO A1

NOVELTY - A translation unit has a **speech recognizer** (112) for **recognizing** the input **speech** of one predetermined language. Translation modules (113) connected to the **speech recognizer**, translate the **recognized** input **speech** to the corresponding other language speech.

USE - Language independent voice communication system for international calling service and computer network communication, specifically for language independent **conference, online** translation and dictionary services, through wired or wireless communication networks.

ADVANTAGE - Enables people to use different languages to communicate each other in real-time using **speech recognition** and multi-language translation mechanism.

DESCRIPTION OF DRAWINGS - The figure shows the circuit diagram of the translation unit of language independent voice communication system.

112Speech recognizer

113Translation modules

29/5/11 (Item 11 from file: 350) **Links**

Derwent WPIX

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0012283475 *Drawing available*

WPI Acc no: 2002-224375/200228

Related WPI Acc No: 1996-393574; 2002-163314; 2006-595353
XRPX Acc No: N2002-171840
Conversing method in real-time conferencing or chat environment, involves translating text communications into specific language, before conversion into speech
Patent Assignee: AMERICA ONLINE INC (AMON-N)
Inventor: CHINNOCK D P; FLANAGAN M A; JENSEN P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6292769	B1	20010918	US 1995388630	A	19950214	200228	B
			US 1996745222	A	19961108		
			US 1997959688	A	19971029		
			US 2000574325	A	20000519		

Priority Applications (no., kind, date): US 1995388630 A 19950214; US 1996745222 A 19961108; US 1997959688 A 19971029; US 2000574325 A 20000519

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6292769	B1	EN	22	6	Continuation of application	US 1995388630
					C-I-P of application	US 1996745222
					Continuation of application	US 1997959688
					C-I-P of patent	US 5966685

Alerting Abstract US B1
NOVELTY - Text communications originating from spoken communications in a language such as English, French and German, are received from an electronic conference area, after translation into another language. The received text communications are translated into speech.
DESCRIPTION - An INDEPENDENT CLAIM is also included for conversing system.
USE - For conversing in real-time **conference** and **chat** environment.
ADVANTAGE - Subscribers are no longer required to type and read messages when engaged in **chat**. **Conferencing** between different language speaking people is enabled efficiently.
DESCRIPTION OF DRAWINGS - The figure shows the system organization diagram of software process for conversing.

29/5/12 (Item 12 from file: 350) **Links**
Derwent WPIX
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0011224050 *Drawing available*
WPI Acc no: 2002-163314/200221
Related WPI Acc No: 1996-393574; 2002-224375; 2006-595353
XRPX Acc No: N2002-124623
Electronic communication system for online real-time chat and conference system, performs batch language translation of text provided at one conference area for presenting to different areas
Patent Assignee: AMERICA ONLINE INC (AMON-N)
Inventor: CHINNOCK D P; FLANAGAN M A; JENSEN P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6339754	B1	20020115	US 1995388630	A	19950214	200221	B
			US 1996745222	A	19961108		
			US 1997959688	A	19971029		

Priority Applications (no., kind, date): US 1995388630 A 19950214; US 1996745222 A 19961108; US 1997959688 A 19971029

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6339754	B1	EN	22	6	Continuation of application	US 1995388630
					C-I-P of application	US 1996745222
					C-I-P of patent	US 5966685

Alerting Abstract US B1

NOVELTY - The electronic communication system performs the batch language translation of the electronic communication displayed at a conference area in one language after performing the **speech**-to-text translation **process**. The electronic communication is then displayed at the different conference areas in the respective languages.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

60. Electronic communication method between subscribers of different languages;
61. Translated messages providing method in network;
62. Electronic chatting method

USE - In real-time, online chat and conference systems in network.

ADVANTAGE - Performs automated translation of speech in real-time chat or conferencing environment. Eliminates the need for subscriber to **type** and **read** messages. Facilitates communication between subscribers speaking with different languages.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart for machine translation process.

29/5/15 (Item 15 from file: 350) **Links**

Derwent WPIX

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0010332379 *Drawing available*

WPI Acc no: 2000-647255/200062

XRPX Acc No: N2000-479676

Speech processing for speech communication in video conferencing via internet, involves communicating data indicating speech frames, to provide low data transmission rate and intelligible speech communication

Patent Assignee: KENT RIDGE DIGITAL LABS (KENT-N)

Inventor: GUAN C; LI H; XU; XU J

Patent Family (2 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type

WO 2000058949	A1	20001005	WO 1999SG21	A	19990325	200062	B
US 6502073	B1	20021231	WO 1999SG21	A	19990325	200305	E
			US 2000462799	A	20000607		

Priority Applications (no., kind, date): WO 1999SG21 A 19990325

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000058949	A1	EN	41	6		
National Designated States,Original	CN JP SG US					
US 6502073	B1	EN			PCT Application	WO 1999SG21
					Based on OPI patent	WO 2000058949

Alerting Abstract WO A1

NOVELTY - The frames of a speech and data indicating the **speech** frames are **recognized** using an acoustic model. Each speech frame represents an ideogram or several semantically related ideograms. The data indicating speech frames are discretely communicated via asynchronous communication channel (21) to provide low data transmission rate and intelligible speech communication.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

63. speech processing device;
64. speech **communication system**;
65. computer program product **for** processing speech

USE - For speech communication in video conferencing through internet, internet telephony application, especially for speech communication **for** languages **consisting of** ideograms e.g. Chinese, Japanese, Korean languages.
ADVANTAGE - Improves speech communication for languages consisting of ideograms.
DESCRIPTION OF DRAWINGS - The figure shows block diagram of speech communication system.
21 Asynchronous communication channel

BIBLIOGRAPHIC NPL

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[File 8] **Ei Compendex(R)** 1884-2007/Feb W3
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; d s
Set   Items   Postings   Description
S1       42        144   S (MULTMEDIA OR (MULTI OR PLURAL???)(2N)MEDIA)(3N)COLLABORAT????
S2    33446      81117   S (INSTANT()MESSAG??? OR CHAT? ? OR CHATT??? OR WEB OR WWW OR
ONLINE OR INTERNET OR WEBBASED)(3N)(MEETING? ? OR DISCUSS??? OR CONFERENC??? OR
COLLABORAT????)
S3      298       1052   S S1:S2(3N)(ARCHIV??? OR STOR??? OR RECORD???)
S4   686481    1435059   S SCHEDUL??? OR TIMETABLE? ? OR TIME()(TABLE? ? OR FRAME? ?) OR
TIMEFRAME? ? OR CALENDAR???
S5  2533013    4341954   S BOOKMARK??? OR MARK??? OR TAG OR TAGS OR TAGG???
S6   147709     644551   S (SPEECH OR VOICE? ? OR SPEAK??? OR TALK???)(3N)(RECOGNITION OR
RECOGNIZ??? OR RECOGNIS??? OR PROCESS???)
S7   702231    1769227   S AUDIO OR VIDEO OR MPEG OR JPEG OR MP3 OR MOVIE? ?
S8    20622      45348   S (SESSION? ? OR COLLABORATION? ? OR DISCUSSION? ? OR CONFERENCE? ?
OR MEETING? ?)(3N)(ARCHIV??? OR STOR??? OR RECORD??? OR KEEP???)
S9      212       1199   S S3 AND S4:S8
S10       5         23   S S3 AND S4
S11       5         23   RD (unique items)
S12       6         49   S S3 AND S5
S13       6         49   RD (unique items)
S14       5         44   S S13 NOT S11
S15       2         12   S S3 AND S6
S16      41        268   S S3 AND S7
S17      35        226   RD (unique items)
S18      18        129   S S17 NOT PY=2003:2007
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S19	16	119	S S18 NOT (S11 OR S13 OR S14 OR S15)
S20	188	1095	S S3 AND S8
S21	1	5	S S3 AND SESSION? ?(3N)(ARCHIV??? OR STOR??? OR RECORD??? OR KEEP???)
S22	42	144	S S1
S23	32	108	S S22 NOT PY=2003:2007
S24	32	108	S S23 NOT (S11 OR S13 OR S14 OR S15 OR S19)

11/5/3 (Item 1 from file: 111) **Links**
TGG Natl.Newspaper Index(SM)
(c) 2007 The Gale Group. All rights reserved.
05020906 **Supplier Number:** 18919788
Latitude Communications Pioneers Web Access To MeetingPlace Conferencing; New RealAudio, Web Scheduling and Web Archiving Features Facilitate and Streamline the Meeting Process.

Business Wire , p12091085
Dec 9 , 1996
Language: English **Record Type:** Citation

Company Names: Latitude Communications Inc.--Product introduction
Descriptors: Computer software industry--Product introduction
Product Names: 7372690 (Communications Software NEC)
SIC Codes: 7372 Prepackaged software
File Segment: NW File 649

14/5/3 (Item 1 from file: 111) **Links**
TGG Natl.Newspaper Index(SM)
(c) 2007 The Gale Group. All rights reserved.
06560089 **Supplier Number:** 65633589
PlaceWare Storms Into the Online Meetings Market With Two New Web Conferencing Services.

PR Newswire , NA
Oct 2 , 2000
Language: English **Record Type:** Citation

Company Names: PlaceWare Inc.
Descriptors: Computer software industry
Product Names: 7372000 (Computer Software)
SIC Codes: 7372 Prepackaged software
SIC Codes (NAICS): 51121 Software Publishers
File Segment: NW File 649

19/5/5 (Item 4 from file: 8) **Links**
Fulltext available through: USPTO Full Text Retrieval Options ScienceDirect

Ei Compendex(R)
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08532666 **E.I. No:** EIP00045133687
Title: New paradigm for the recording of shared whiteboard streams

Author: Hilt, Volker; Geyer, Werner; Effelsberg, Wolfgang
Corporate Source: Univ of Mannheim, Mannheim, Ger
Conference Title: Multimedia Computing and Networking 2000
Conference Location: San Jose, CA, USA **Conference Date:** 19000124-19000126
Sponsor: IS and T; SPIE
E.I. Conference No.: 56636
Source: Proceedings of SPIE - The International Society for Optical Engineering v 3969 2000. Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. p 154-164
Publication Year: 2000
CODEN: PSISDG **ISSN:** 0277-786X
Language: English
Document Type: CA; (Conference Article) **Treatment:** T; (Theoretical)
Journal Announcement: 0005W5
Abstract: The number of **video** conferences conducted over the Internet has constantly increased during the last years. The need to archive the multimedia data streams of the conferences became apparent, and a number of tools accomplishing this task for **audio** and **video** streams were developed. In many **video** conferencing scenarios, shared whiteboards are used in addition to **audio** and **video** to transmit slides or to sketch ideas. However, none of the existing recording tools provides an efficient recording service for data streams of these tools. In this paper we present a new approach to the recording and playback of shared whiteboard media streams. We discuss generic design issues of a shared whiteboard recorder, and we present a novel algorithm that enables efficient random access to the recorded streams. We describe an implementation of our algorithms for the media streams of our digital lecture board (dlb). (Author abstract) 28 Refs.
Descriptors: ***Internet**; **Video conferencing**; **Image record ing^Image**; Image communication systems; Multimedia systems; Computer systems programming; Real time systems; Multicasting
Identifiers: Shared whiteboard streams
Classification Codes:
716.4 (Television Systems & Equipment); 722.3 (Data Communication, Equipment & Techniques); 741.1 (Light/Optics); 723.5 (Computer Applications)
723 (Computer Software); 716 (Radar, Radio & TV Electronic Equipment) ; 741 (Optics & Optical Devices); 722 (Computer Hardware)
72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS); 74 (OPTICAL TECHNOLOGY)

19/5/8 (Item 2 from file: 35) **Links**
Dissertation Abs Online
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01813378 ORDER NO: AADAA-I3002253
Active services for archive applications

Author: Schuett, Angela Marie
Degree: Ph.D.
Year: 2000
Corporate Source/Institution: University of California, Berkeley (0028)
Chair: Randy H. Katz
Source: Volume 6201B of Dissertations Abstracts International.

PAGE 345 . 138 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984
ISBN: 0-493-11340-1

The advent and deployment of multicast data transmission has fueled the growth of multi-user collaborative applications. A number of applications have been developed to facilitate multi-party **video, audio** and shared workspace collaboration. However, even as the tools have become more widely used, only primitive archival systems have been available to record and replay this content. Multicast collaborative applications feature a type of loosely organized, multi-party, distributed data creation that is different from the client-server model that dominates in the World Wide **Web**. A **collaboration archive** system needs to support a community that uses a variety of **audio** and **video** formats operating at different quality levels. The archive needs to include support for emerging applications and changing network conditions. Because data for the archive is created by the community, not by a single content provider, high quality recording is a vital component of the archive system. To achieve the best possible recording quality, multiple distributed recorders located throughout the network may be necessary. All of these requirements led us to a design in which the collaboration archive is not a monolithic server, but a fluid, mobile set of active services that can be composed, relocated, and changed by the community. Active services are simple, soft-state, location-independent processes that can be easily moved and restarted. Service platforms, a collection of hardware and middleware, running in the network, provide a uniform solution allowing active service agents to be remotely launched, controlled and killed.

The active service model has proven useful for applications like multimedia transcoders and proxies, but designing a collaboration archive system as a set of active services requires an expansion of the active service model to a new type of more complex and more stateful services. Our work in this area has produced an increased understanding of how to design active services, how to chain them together, and how to decide which services should be “active” and which should be implemented on other middleware. We have also extended the AS1 active service platform implementation to include support for gathering network topology information through the GFP group formation protocol. This support is necessary for distributed services that need to work together in an intelligent, location dependent way. We have used this support in our archive as a component in a distributed recording system.

This work presents two sets of contributions. The first set is an extension of the active service model and framework to support more complex services. We use our experience designing services to provide a set of guidelines for service design. In addition, we provide a network topology discovery service, a new fundamental building block in the AS1 active service toolkit. Measurements of our GFP topology discovery implementation show that participants coalesce into a tree in about 30 seconds for high packet rate applications like collaboration applications. The second set of contributions consists of our architecture, implementation, and measurement of a collaboration archive system. The system is fault-tolerant, scalable and flexible. The playback capabilities of the system have been in use for several years in the Berkeley Multimedia, Interfaces and Graphics Seminar, archiving the seminar so that it is available for playback to the multicast community. New protocols implemented for the collaboration archive include a soft-state, multi-party shared playback control protocol, control protocols for a decentralized, distributed recording application, and a distributed data collection protocol to gather data from the recorders. The collaboration archive is valuable both as a bellwether application serving as the means to further understand active services, and as a novel architecture solving the problems of archiving and playing multicast collaborative sessions.

24/5/3 (Item 3 from file: 2) **Links**
INSPEC
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06584647 **INSPEC Abstract Number:** B9706-7930-023, C9706-7150-028
Title: PRESTO: multi-media distributed network for collaborative work in command and control
Author Modrick, J.A.
Author Affiliation: Honeywell Inc., Minneapolis, MN, USA

Conference Title: Proceedings of the Human Factors and Ergonomics Society. 40th Annual Meeting. 1996 **Part** vol.2 p. 758-61 vol.2
Publisher: Human Factors & Ergonomics Soc , Santa Monica, CA, USA
Publication Date: 1996 **Country of Publication:** USA 2 vol. xxvi+1331 pp.
ISBN: 0 945289 06 5 **Material Identity Number:** XX97-00799
Conference Title: Proceedings of 40th Annual Meeting of the Human Factors and Ergonomics Society
Conference Date: 1996 **Conference Location:** Philadelphia, PA, USA

Language: English **Document Type:** Conference Paper (PA)
Treatment: Practical (P)
Abstract: The human factors requirements are discussed in terms of support for individuals in a distributed C2 network and interactions to do collaborative work. PRESTO provides access to an orbiting Global Infosphere, a multisource, multimedia database on operational conditions and events. The system should facilitate development of shared situation awareness and coordinated actions. The approach to the user interface is a concept of "active view". The content of each active view is defined by operational tasks and area of responsibility. The diversity of users requires a diversity of active views, each constructed to fit the characteristics of each application. The challenge to human factors is to develop an architecture of collaborative activities which can be mapped into PRESTO's software architecture and modules. These activities can be divided into single multimedia workstation, individual's active views in integrated multimedia format, collaborative transactions between workstations, and data integration into a shared situational representation. Taxonomies for collaborative behaviors and use of multimedia will have to be developed. An application to Joint Task Force is a probable implementation. The JTF is a distributed command group for rapid deployment and control of interservice forces in crisis management. (2 Refs)
Subfile: B C
Descriptors: command and control systems; groupware; human factors; multimedia communication; multimedia computing; user interfaces
Identifiers: PRESTO; multimedia distributed network; collaborative work; command and control; human factors requirements; distributed C2 network; orbiting Global Infosphere; shared situation awareness; coordinated actions; user interface; active view; operational tasks; collaborative activities; software architecture; single multimedia workstation; integrated multimedia format; shared situational representation; Joint Task Force; JTF; distributed command group; interservice forces; crisis management
Class Codes: B7930 (Military communications); B6210R (Multimedia communications); B6220F (ISDN and multimedia terminal equipment); C7150 (Military computing); C3375 (Military control systems); C5620 (Computer networks and techniques); C6130G (Groupware); C6130M (Multimedia); C6160S (Spatial and pictorial databases); C6180 (User interfaces)
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24/5/4 (Item 4 from file: 2) **Links**
INSPEC
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05946578 **INSPEC Abstract Number:** B9506-6210R-053, C9506-7410F-091
Title: A multi-media conferencing service to the TINA-C architecture
Author Evans, J.
Author Affiliation: GPT Ltd., UK
p. 287-91
Publisher: IEE , London, UK
Publication Date: 1994 **Country of Publication:** UK xiv+348 pp.
ISBN: 0 85296 634 2
Conference Title: Proceedings 5th IEE Conference on Telecommunications (Conf. Publ. No.404)
Conference Date: 26-29 March 1995 **Conference Location:** Brighton, UK

Language: English **Document Type:** Conference Paper (PA)
Treatment: Applications (A)
Abstract: This paper introduces the TINA consortium (TINA-C) and, its aims and achievements. The objectives of the **collaborative** UK TINA **Multi-Media** Auxiliary Project (TIMMAP) are described. A description of the work of the TIMMAP project during its first year is given, and the experience of the project in using the emerging TINA-C architecture to design a multi-media conferencing service are detailed. The aims of TINA-C are to define and validate a consistent and open architecture for telecommunications software that are applicable to services and management. This was achieved by exploiting advances in software technology, in particular distributed computing, and object orientation to produce a software architecture which is applicable to existing and future broadband based services. The project partners are BT plc, Ericsson Ltd., GPT Ltd. (5 Refs)
Subfile: B C
Descriptors: broadband networks; multimedia communication; open systems; research initiatives; telecommunication computing; telecommunication network management; telecommunication services
Identifiers: multi-media conferencing service; TINA-C architecture; TINA consortium; TINA Multi-Media Auxiliary Project; TIMMAP; BT; Ericsson Ltd; GPT Ltd; open architecture; telecommunications software; telecommunication services; telecommunication management; distributed computing; object orientation; software architecture; broadband services
Class Codes: B6210R (Multimedia communications); B6210C (Network management); C7410F (Communications computing)
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24/5/5 (Item 5 from file: 2) **Links**
INSPEC
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05875224 **INSPEC Abstract Number:** B9503-0120-018, C9503-7810C-040
Title: Computer supported collaborative learning in a multi- media distance education environment
Author Kaye, A.R.
Author Affiliation: Inst. of Educ. Technol., Open Univ., Milton Keynes, UK
Conference Title: Computer Supported Collaborative Learning. Proceedings NATO Advanced Research Workshop p. 125-43
Editor(s): O'Malley, C.
Publisher: Springer-Verlag , Berlin, Germany
Publication Date: 1995 **Country of Publication:** West Germany x+303 pp.
ISBN: 3 540 57740 8
Conference Title: Computer Supported Collaborative Learning. Proceedings NATO Advanced Research Workshop
Conference Date: 24-28 Sept. 1989 **Conference Location:** Acquafredda di Maratea, Italy

Language: English **Document Type:** Conference Paper (PA)
Treatment: Applications (A)
Abstract: Reviews the use of computer conferencing on a distance education course on information technology at the Open University. The course enrols around 1500 students annually, and involves the participation of about 80 part-time tutors. Tutors and students access the University's conferencing system from their homes over a dial-up network. This paper highlights some of the design issues involved in integrating computer conferencing into a multi-media distance education system, going from interface design, through social network design, to overall course design. Conventional distance education course design principles will need to be extensively reviewed if the potential of computer conferencing for true collaborative learning is to be realised. (14 Refs)
Subfile: B C
Descriptors: courseware; educational courses; groupware; information technology; multimedia communication; teleconferencing
Identifiers: computer supported collaborative learning; multimedia distance education environment; computer

conferencing; distance education course; information technology; Open University; students; part-time tutors; dial-up network; design issues; interface design; social network design; course design principles; computer-mediated communication; electronic mail
Class Codes: B0120 (Education and training); B6210R (Multimedia communications); B6210P (Teleconferencing); C7810C (Computer-aided instruction); C6130M (Multimedia); C6130G (Groupware); C6155 (Computer communications software)
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24/5/8 (Item 1 from file: 6) **Links**
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NTIS
(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.1537327 **NTIS Accession Number:** ED-319 381
Computer-Supported Collaborative Learning in a Multi- Media Distance Education Environment

Kaye, T.
Corporate Source Codes: 888888888

Sep 89 17p
Language: English
Journal Announcement: GRAI9101
Paper presented at the NATO Advanced Research Workshop (Maratea, Italy, September 24-28, 1989).
Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.
NTIS Prices: Not available NTIS
Country of Publication: United States
The design issues involved in the effective use of computer-mediated communication in a multimedia distance education environment are examined, with particular reference to recent and current initiatives at the Open University in Great Britain. A description of the components of the Open University's electronic campus (the conferencing system and the national computer network) is followed by a discussion of specific design issues (interface design, design of electronic social environments, and overall course design). It is concluded that the key factors that seem to influence the perceived value of computer-mediated communication for effective collaborative learning include: (1) the ease with which the basic mechanics of the system can be learned (due in part to an improved interface design); (2) the design of the electronic social environment within which interactions occur; (3) the relative importance of computer-mediated communication as a communication tool, compared with other available media and channels of communication; and (4) the skills of course tutors in setting up and moderating computer conferences. (11 references) (GL).
Descriptors: *Computer assisted instruction; *Computer networks; *Distance education; *Teleconferencing; Computer system design; Cooperative learning; Foreign countries; Higher education; Instructional design; Instructional development; Interaction; Man machine systems; Multimedia instruction; Open universities; Social environment
Identifiers: *Computer Mediated Communication; *Open University(Great Britain); NTISHEWERI
Section Headings: 92D (Behavior and Society--Education, Law, and Humanities); 45C (Communication--Common Carrier and Satellite)